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APR:1 0 2007

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/536,714

Applicant

DEBRUYNE, ET AL.

Filed

May 27, 2005

Title

COCHLEAR IMPLANT DRUG DELIVERY DEVICE

Art Unit

3738

Examiner

TO BE ASSIGNED

Atty Docket No.

COCH-0149-US1

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

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Cover Letter

(1 page)

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Information Disclosure Statement

(2 pages)

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Forms SB08a and b

(2 pages)

O With fourteen (14) non-patent citations

 $\boxtimes$ 

Patent Fee Transmittal Form for FY 2007 (1 page)

Respectfully submitted,

Michael G. Verga

Registration Number 39,410 Customer Number: 22,506

Tel.: (703) 563-2005

JAGTIANI + GUTTAG

Democracy Square Business Center 10363-A Democracy Lane Fairfax, Virginia 22030 (703) 591-2664

April 10, 2007

# Patent Fee Transmittal Application No. Filing Date Varied Inventor Applicant(s) Claims Small Entity Status 37 C.F. Application No. Application No. Filing Date Varied Inventor Examiner Name Art Unit Attorney Docket No. COCH-0149-US1

FEE CALCULATION									
1. Filing Fees			La	rge Entity	Sn	nail Entity		2. Extra Claim Fee	
Application Type		Description	Code	(\$)	Code	(\$)	Paid	a. Claims as Filed Extra Large Entity Small Entity	
		Basic	1011	300	2011	150	\$ -	Claims Code (\$) Code (\$)	Paid
Utility		Examination	1311	200	2311	100	\$ -	Total Claims 0 - 20 = 0 x 1201 50 2201 25 3	
		Search	1111	500	2111	250	\$ -	Independent 0 - 3 = 0 x 1202 200 2202 100 \$	-
		Basic	1012	200	2012	100	\$ -	Multiple Dependent 1203 360 2203 180 \$	-
Design	П	Examination	1312	130	2312	65	\$ -	b. Claims as Amended	
		Search	1112	100	2112	50	\$ -	After Present Large Entity Small Entity	
		Basic	1013	200	2013	100	\$ -	Amnt Highest Paid Extra Code (\$) Code (\$)	Paid
Plant	П	Examination	1313	160	2313	80	\$ -	Total Claims 17 - 17 • = 0 x 1201 50 2201 25 \$	; -
		Search	1113	300	2113	150	\$ -	Independent 4 - 4 ** = 0 x 1202 200 2202 100 \$	; <u> </u>
		Basic	1014	300	2014	150	\$ -	First Presentation of Multiple Dependent 1203 360 2203 180 \$	-
Reissue	$\Box$	Examination	1114	600	2114	300	\$ -	*Less than 20, enter 20 ** Less than 3, enter 3	
		Search	1314	500	2314	250	\$ .	3. Extra Page Fee Large Entity Small Entity	
Provisional		Basic	1005	200	2005	100	\$ -	Total Pages Extra Pages Code (\$) Code (\$)	Paid
		Basic	1631	300	2631	150	\$ -	0 -100 0 x 1081 250 2081 125 \$	-
National Stage		Examination	1633	200	2633	100	\$ -	Subtotal for Application Fees	
		Search	1632	500	2632	250	\$ -	1 \$ - + 2 \$ - + 3 \$ - = \$	
4. Additional	Fees	3	La	rge Entity	Sma	II Entity		Large Entity Small Entity	
Descr	iption		Code	(\$)	Code	(\$)	Paid	Description (cont.) Code (\$) Code (\$)	Paid
Extension for respon	se firs	t month	1251	120	2251	60	\$ -	Recording each Assignment 8021 40 8021 40 8	-
Extension for respon	se sec	cond month	1252	450	2252	225	\$ -	Submission of IDS 1806 180 1806 180 3	-
Extension for respor	ise this	d month	1253	1,020	2253	510	\$ -	Request for Cont. Examination (RCE) 1801 790 2801 395 1	-
Extension for respor	se fou	rth month	1254	1,590	2254	795	\$ -	Filing Submission After Final 1809 790 2809 395	-
Extension for respor	se fift	n month	1255	2,160	2255	1,080	\$ -	Surcharge - late filing fee or oath 1051 130 2051 65	<u> </u>
Notice of Appeal			1401	500	2401	250	\$ -	Surcharge - late provisional fee 1052 50 2052 25 3	-
Filing a Brief in Sup	ort of	an Appeal	1402	500	2402	250	\$ -	Non-English Specification 1053 130 1053 130 1	-
Request for Oral hea	aring		1403	1,000	2403	500	\$ -	Processing Fee 37 CFR 1.17(q) 1807 50 1807 50	<u> </u>
Petitions under 1.17	(f)		1462	400	1462	400	\$ -	Request for Ex Parte Reexamination 1812 2,520 1812 2,520 1	•
Petitions under 1.17	(g)		1463	200	1463	200	\$ -	Request Pub. of SIR prior to action 1804 920 1804 920 1	-
Petitions under 1.17	(h)		1464	130	1464	130	\$ -	Request Pub. of SIR after action 1805 1,840 1805 1,840 1	
Petition - public use	procee	eding	1451	1,510	1451	1,510	\$ -	Each Add. Invention Examined 1810 790 2810 395 3	-
Petition to Revive - I	Jnavoi	dable	1452	500	2452	250	\$ -	Expedited Examination (Design) 1802 900 1802 900 1	-
Petition to Revive - I	Ininter	ntional	1453	1,500	2453	750	\$ -	Unintentionally Delayed Priority Claim 1453 1,370 1453 1,370 1	-
Utility Issue Fee			1501	1,400	2501	700	\$ -	Certificate of Correction 1811 100 1811 100 1	
Design Issue Fee			1502	800	2502	400	\$ -	Maintenance Fees 3.5 years 1551 900 2551 450	•
Plant Issue Fee			1503	1,100	2503	550	\$ .	Maintenance Fees 7.5 years 1552 2,300 2552 1,150	-
Reissue Issue Fee			1511	1,400	2511	700	\$ -	Maintenance Fees 11.5 years 1553 3,800 2553 1,900	-
Publication Fee			1504		1504	300	\$ -	Surcharge - Late Payment 6 mos. 1554 130 2554 65	
Statutory Disclaimer			1814	130	2814	65	\$ -	Other fee	-
							(cont.)	Additional Fee Subtotal 4 \$	
N	NETH	HOD OF PAY	MENT	(Check al	II that	apply)		Submitted by:	

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METHOD OF PAY	MENT (Check all that apply)	Submitted by:	Submitted by:					
✓ Credit Card (Provide credit c	Name	Michael G. Verga	Reg. No.	39,410				
Deposit Account No.	10-0233-COCH-0149-US1	Firm	Jagtiani + Guttag					
	10-0233-COCH-0149-051	Address	10363-A Democracy Lane, Fairfax VA 22030		30			
For the above-identified deposit	account, the Director is hereby authorized to:	Telephone	703.591.2664	Fax	703.591.5907			
To charge the above	-identified fee.		1					
To charge any addition 1.16, 1.17, 1.18, 1.20 deposit account num	onal fees which may be required under 37 CFR 0 and 1.492 or credit any overpayment to the liber listed above.	M	Signature	10 Apr	ML 2017  Date			

Revised 01-2006

Include duplicate copy if paying by deposit account

1 0 2007 gg In the Enited States Patent and Trademark Office

Application 16 RADEANT 10/536,714

Applicant : DEBRUYNE, ET AL. Filed : AUGUST 9, 2006

Title : COCHLEAR IMPLANT DRUG DELIVERY DEVICE

Art Unit : 3738

Examiner : TO BE ASSIGNED

Atty Docket No. : COCH-0149-US1

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.51(d), 1.56, 1.97 and 1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO/SB/08. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. § 120 and identified below, is not submitted herewith.

### **CERTIFICATION**

This Information Disclosure Statement is submitted within three months of (i) the filing date of the above-identified U.S. National Patent application, or (ii) before the first office action on the merits, or (iii) the date of entry into the U.S. National Stage of the above-identified International Application, or (iv) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-COCH-0149-US1.** 

Application Number: 10/536,714

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,

Michael G. Verga

Registration Number 39,410 Custome Number: 22,506

Tel.: (703) 563-2005

JAGTIANI + GUTTAG Democracy Square Business Center 10363-A Democracy Lane Fairfax, Virginia 22030 (703) 591-2664

March 30, 2007

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of red to respond to

Substitute for Form PTO-1449

Sheet

# INFORMATION DISCLOS STATEMENT BY APPE

(Use as many sheets as necessary)

o a collection of information uni	ess it contains a valid OMB control number.				
Complete If Known					
Applicant Number	10/536,714				
Filing Date	August 9, 2006				
First Named Inventor	Debruyne, Kristine				
Art Unit	3738				
Examiner Name	To be assigned				
Attorney Docket Number	COCH-0149-US1				

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	Ī -	US- 5,697,951	12-16-97	Harpstead, et al.				
		US- 5,929,041	07-27-99	Magal				
		US- 6,309,410	10-30-01	Kuzma, et al.				
		US- 4,532,930	08-06-85	Crosby, et. al.				
		US- 5,531,780	07-02-96	Vachon				
		US- 5,755,474	05-26-98	Daly, et al.				
		US- 5,975,085	11-02-99	Rise				
		US- 6,038,484	03-14-00	Kuzma				
		US- 6,078,841	06-20-00	Kuzma				
		US- 6,125,302	09-26-00	Kuzma				
		US- 6,163,729	12-19-00	Kuzma				
		US- 6,304,787	10-16-01	Kuzma et al.				
		US- 5,066,278	11-19-91	Hirschberg, et al.				
		US- 5,653,742	08-05-97	Parker, et al.				
		US- 4,357,497	11-02-82	Hochmair, et al.				
	T	US- 5,458,631	10-17-95	Xavier, Ravi				
		US- 4,819,662	04-11-89	Heil, et al.				
		US- 6,038,482	03-14-00	Vachon, David J.				
		US- 6,259,951	07-10-01	Kuzma, et al.				
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>			
	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5 (if known)</sup>	MM-DD-YY	Applicant of Cited Document					
		WO 00/71063	11-30-00	Cochlear Limited					
	1	DE 100 320 000 A1 (English abstract)	01-26-01	Donovan					
	1	WO 99/55360 A1	11-04-99	Soykan	li form				
		WO 02/32498 A1	04-25-02	Cochlear Limited					
	<b> </b>	WO 02/41666 A1	05-23-02	Cochlear Limited					
		WO 97/10784	03-27-97	Cochlear Limited					
		WO 99/00067	01-07-99	The University of Iowa Research Foundation					
	1	WO 02/41666	05-23-02	Cochlear Limited					

	-		
Examiner's		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1994 Complete If Known Substitute for Form PTO-1449

## APR 1 0 2007 INFORMATION DISCLOS STATEMENT BY X

(Use as many sheets as necessary)

of

Sheet

Examiner's

Signature

Applicant Number 10/536,714 Filing Date August 8, 2006 First Named Inventor Debruyne, Kristine Art Unit 3738 **Examiner Name** To be assigned Attorney Docket Number COCH-0149-US1

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
		ALTSCHULER, ET AL., "Rescue and Regrowth of Sensory Nerves Following Deafferentation by Neurotrophic Factors," November 28, 1999, Annals New York Academy of Sciences. 884:305-11.					
		Supplementary European Search Report for EP 01 99 4538, dated May 27, 2005					
		International Preliminary Examination Report for PCT/AU01/01479,					
		Supplementary Partial European Search Report for EP 03 70 2212 dated June 23, 2006					
		International Search Report, PCT/AU01/01479 dated December 3, 2001					
		Written Opinion, PCT/AU01/01479 dated January 28, 2002.					

Date

Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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